

ABSTRACT

A power tool includes a table. A shaft is disposed on the table and has an axis. A support housing supporting a motor and a working tool driven by the motor is disposed on the shaft adjacent to the table. The support housing is axially movable along the shaft and being laterally pivotable about an axis of rotation. A locking mechanism is further provided for locking the support housing at a predetermined lateral position, wherein the locking mechanism may include a handle disposed on the shaft, the handle being rotatable in two directions with respect to the table, such that, upon rotation of the handle in both directions from a neutral position, the handle urges the support housing into contact with the table. The shaft may be rotatable relative to the table. The locking mechanism may further include a first camming surface disposed on the table and a second camming surface disposed on the shaft and engaging the first camming surface. Alternatively, the shaft may include a first surface having a first thread disposed thereon in a first orientation, and a second surface having a second thread disposed thereon in a second orientation, the first and second thread intersect forming a V-shaped thread. The table may then include at least one protrusion slidable along the first and second threads.